

Converting Colors

Hex(3477E0)

Have a look what the booklet for
Hex(3477E0) contains.

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Color

Hex(3477E0)

Conversions

Conversions Part 1

Format	Color
Hex	3477E0
RGB	52, 119, 224
RGB Percent	20%, 47%, 88%
CMY	0.7961, 0.5333, 0.1216
CMYK	0.77, 0.47, 0.00, 0.12
HSL	217°, 74%, 54%
HSV	217°, 77%, 88%
XYZ	21.4675, 19.3055, 73.1159
YIQ	110.9370, -73.6370, 18.4510

Conversions

Conversions Part 2

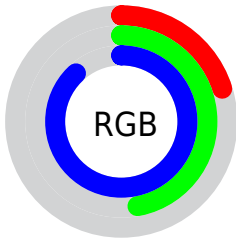
Format	Color
R_{YB}	52, 100, 224
Decimal	3438560
CIE _{Lab}	51.04, 15.52, -59.55
CIE _{LCh}	51, 61.537, 284.609
Yxy	19.3055, 0.1885, 0.1695
Android (android.graphics.Color)	4281628640 (0xFF3477E0)
YUV	110.9370, 55.7401, -51.6877
Hunter-Lab	43.9381, 10.3211, -67.9059

Details

The Hex color **3477E0** is a dark color, and the websafe version is hex **0066CC**. The color can be described as middle washed azure. A complement of this color would be **E09D34**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **7AABFF**, and **0048A8** is the 20% darker color. If you saturate the color by 10%, you get **1E69E0**, and if you desaturate by 10%, it is **4A85E0**.

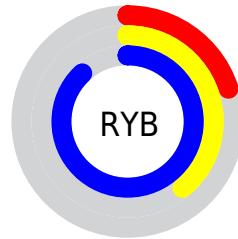
Distribution



Red (20%)

Green (47%)

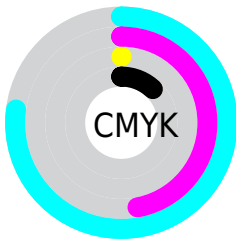
Blue (88%)



Red (20%)

Yellow (39%)

Blue (88%)

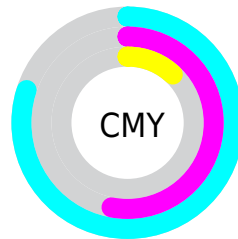


Cyan (77%)

Magenta (47%)

Yellow (0%)

Black (12%)



Cyan (80%)

Magenta (53%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3477E0 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 3477E0 by changing the saturation by 10% instead.

■ 3477E0

■ 3477E0

FFFFFF

■ 005FC4

■ 7AABFF

■ 0048A8

■ 99C6FF

■ 00328D

■ B8E2FF

■ 001F73

■ D6FEFF

■ 00055A

■ F5FFFF

■ 000741

■ 00032A

■ 000114

■ 000000

■ 3477E0

■ 3477E0

■ 1E69E0

■ 4A85E0

■ 075CE0

■ 6192E0

■ 0057E0

■ 77A0E0

■ 8EAEE0

■ A4BBE0

■ BAC9E0

■ D1D7E0

■ E7E4E0

■ FEF2E0

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0087DF



3477E0



9C5FC5

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3477E0



C95631



00905C

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



3477E0



E09D34

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



3B8A27



3477E0



A86D00

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



3477E0



D74362



7A7F00



009293

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



3477E0



BE4EA8



7A7F00



008E4A

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



3477E0



C4DBFF



34E09B



5C6A80



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



3477E0



1470FF



4534E0



656970



0045B0



001330

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E03477



FF1470



CFE034



706569



B00045



300013

Previews

White Background



This preview shows how the Hex color 3477E0 looks on a white background.

Color Contrast Check

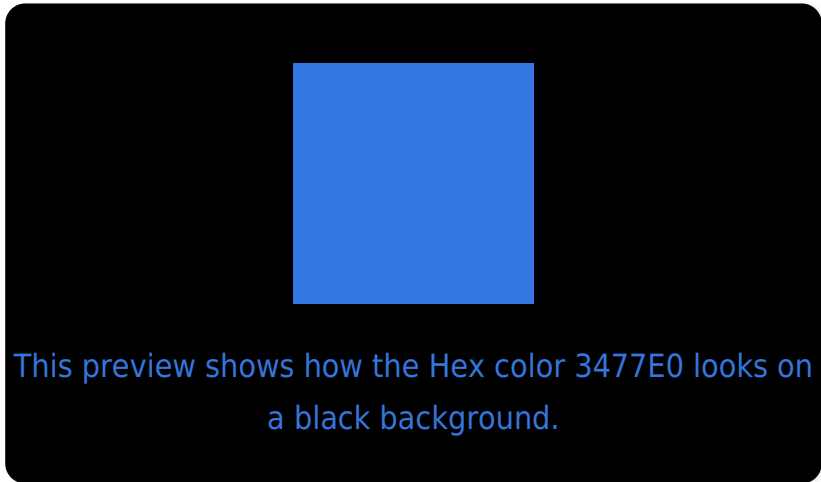
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

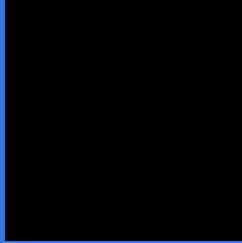
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

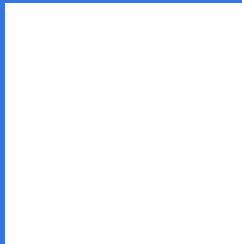
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3477E0 Background



This preview shows how black text looks on a background with the Hex color 3477E0.



This preview shows how white text looks on a background with the Hex color 3477E0.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



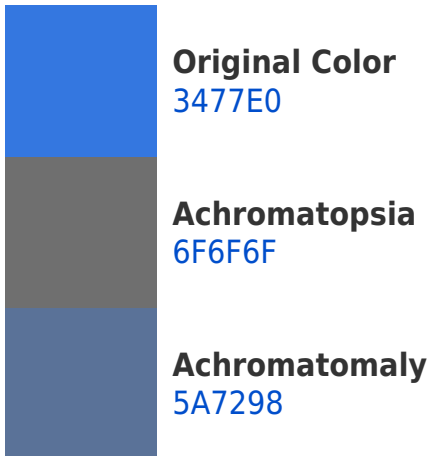


Tritanopia
008690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3477E0 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #3477E0 looks like.

```
.text, #text, p{  
    color:#3477E0  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #3477E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3477E0
}
```

Border

The CSS property to change the border of an element to Hex 3477E0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3477E0 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#3477E0 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #3477E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3477E0; -webkit-box-shadow:4px 4px  
4px 4px #3477E0; box-shadow:4px 4px 4px  
4px #3477E0 }
```

Background

The CSS property to change the background color of an element to Hex 3477E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3477E0 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#3477E0 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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